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**From:** JLucas1099@aol.com [mailto:JLucas1099@aol.com]

**Sent:** Thu 5/15/2008 6:18 PM

**To:** bdcpccomments

**Cc:**

**Subject:** Bay Delta Conservation Plan EIR/EIS scoping comments

Ms. Delores Brown, Chief  
Office of Environmental Compliance  
Department of Water Resources  
P>O> Box 942836, Sacramento, CA 94236

Dear Ms. Delores Brown,

As a postscript to my submittal yesterday, May 14, in regards the scope of the Bay Delta Conservation Plan EIR/EIS I would like to add a couple of concerns.

~ If a Bay Delta bypass conduit is designed to accomodate the requested 15,000 cfs by water user agencies a modeling of estuary needs to be done in order to assess extent of impacts on historic estuary functions. ie An analysis of capability of diminished winter flows to carry Delta sediment through Bay and out Golden Gate would be an essential study, and please use research by U.C. Davis's Professor Krone, as South Bay Salt Pond Restoration scientific sediment transfer studies do not seem to be holding up under actual conditions. To what degree will sedimentation of Bay be accelerated? Will loss of underflow increase island subsidence?

(It might be of interest to note that Venice had its rivers diverted away from the delta on which it is built and now that lack of underflow is contributing to its subsidence into the Adriatic.)

~ Secondly, seek technical assessment of where mixing zone will reestablish as saltwater intrusion extends further up into Delta and review wetlands habitat impacts as well as hydrology impacts that can be expected. As pumps at Clifton Court Forebay will be pulling in brackish water, simultaneous operation is not feasible?

~ Studies of Delta water transfers and resource management should include ways to manage water loss due to evaporation. - If San Francisco Water Department could transport Hetch Hetchy water in underground pipes a hundred years ago, why cannot Delta supplies receive the same conservative treatment? Also, some capability of gravity flow needs to be a consideration for this renovated system as power costs escalate.

Thank you again for your kind review of these concerns.

Libby Lucas  
174 Yerba Santa Ave.,  
Los Altos, CA 94022

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